

Workshop: Aircraft Certification

Abstracts

Changed Product Rule: A Harmonization Success Story

This discussion will update attendees on implementation of the Changed Product Rule since it became effective in June 2003.

EASA Certification Processes and Program Management

EASA will present the status of its procedures for type certification and its expectations for how projects will be conducted and overseen by EASA.

Certification Rulemaking Transition from JAA to EASA

EASA will present its aircraft certification rulemaking program and FAA/EASA will share its approach to harmonization in the future.

Safety Research: Determining the Future Direction of Cooperative Efforts.

The Research & Development (R & D) Joint Coordinating Committee (JCC) was established in June 1999. The committee's mission is to identify, optimize, facilitate, and encourage cooperative R & D in support of present & future aviation safety requirements that may include regulations, standards, and/or advisory materials. Three Research Technical Groups (RTG) have been initiated and are conducting joint activities in the areas of; 1) Cabin and Fire Safety, 2) Icing, and 3) Human Factors. Major accomplishments of these RTGs during the past year will be presented and handouts containing greater details of the activities will be available.

The focus of the workshop session will then shift to open discussion of two new proposed RTGs in the areas of Advanced Materials and Cabin Air Quality & Passenger Health. In addition, input will be solicited on the types of research efforts that would be valuable to fulfill the FAA's new Congressional mandate to "conduct research to promote the development of analytical tools to improve existing certification methods and to reduce the overall costs for the certification of new products." The mandate is included in the *Vision 100 – Century of Aviation Reauthorization Act*. An example of this type of activity, the continuing development of a model for emergency evacuation (through the auspices of the Cabin and Fire Safety RTG), will be presented. Be prepared to brainstorm your ideas!